

## ABSTRACT OF THE DISCLOSURE

A data service apparatus is provided which includes a storage means (31) that stores digital data as a file, an encryption circuit (35) that encrypts the digital data into an encrypted data, and a decryption circuit (37) that decrypts the encrypted data into the initial digital data. For backing up, a file stored in the storage means (31) is encrypted by the encryption circuit (35) into an encrypted test data file before stored into an external storage unit (60). For decryption, the encrypted data file is extracted from the external storage unit (60), decrypted by the decryption circuit (37) into the initial digital data file and written back into the storage means (31). Thus, the data service apparatus can back up the stored file in the external storage unit safely and easily.